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Index*

Wholesale Trade List

FALL
1949

SEP 23 194
U. S. Department of A

FORTY-NINER
(Plant Pat. 792)

AARS

PEACE
(Plant Pat. 591)

AARS

Place Your Order Early

We are offering in this list the most complete line of nursery stock since before the war.

In some lines there appears to be an adequate supply of stock; however, there are a number of items which will be quite short. We earnestly recommend that you place your order at the earliest possible moment to avoid being disappointed.

ORDER TODAY!

LONG DISTANCE PHONES:
406 - 407

Lakes

SHENANDOAH NURSERIES

Shenandoah, Iowa

FOUR *Top Hits* OF THE ROSE WORLD

MANDALAY
(Plant Pat. 775)

NEW YORKER
(Plant Pat. 823)

CRIMSON GLORY
(Plant Pat. 105)

TAFFETA
(Plant Pat. 716)

Our Roses are carefully and liberally graded by experienced graders before being placed in our modern cold storage. The temperature and humidity is maintained at the proper level to insure completely dormant and vigorous plants. We have also equipped this cold storage with ultra-violet ray lamps to completely prevent and destroy all bacterial growth.

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.
30 to 300 take 100 rates.
Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.
Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.
Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION. QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres. A. D. HUNT, Treas.

R. S. MULLISON, Vice-Pres. F. E. TUNNICLIFF, Sec'y.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.	$4 50	$40 00	$350 00
" " " 4 " " " 9/16 to 11/16 in.	4 00	35 00	300 00
" " " 3 " " " 7/16 to 9/16 in.	2 90	25 00	------
" " " 2 " " " 5/16 to 7/16 in.	2 40	20 00	------
" " " 5 " " " 7/8 in. and up	5 50	50 00	------

Anoka
Baldwin
Banana
Beacon
Blackben
Cortland
Delicous Dark Red
Delicious Yellow
Dolgo
Duchess
Duchess Dark Red
Early Harvest
Fameuse
Fireside
Florence
Gallia Beauty
Gravenstein Red
Grimes Golden
Haralson
Hawkeye Greening
Hibernal
Hyslop
Ingram
Jean
Jonathan Dark Red
Liveland
Lodi
McIntosh
McIntosh Dark Red
McIntosh Early
McIntosh Milton
Macoun
Maiden Blush
Melba
Minjon
Minn. No. 638
Minn. No. 790
Northern Spy Red
N. W. Greening
Prairie Spy
Red Astrachan
Red June
R. I. Greening
Roman Stem
Rome Beauty Red
Sharon
Stayman Dark Red
Tolman Sweet
Transcendent
Turley
Victory
Virginia Crab
Wealthy
Whitney
Winesap Dark Red
Yellow Transparent
York

APPLE—One Year, Mostly Whips	Per 10	Per 100	Per 1000
4 to 5 ft.	$3 20	$28 00	$250 00
3 to 4 ft.	2 50	22 50	200 00
2 to 3 ft.	2 10	18 00	150 00

Baldwin
Cortland
Delicious Dark Red
Delicious Yellow
Dolga
Duchess Dark Red
Hibernal
Jonathan Dark Red
Lodi
McIntosh Dark Red
Rome Beauty Red
Stayman Dark Red
Turley
Yellow Transparent

CHERRY—Sour
FRUIT-MOR-ENCY
(An improved Montmorency)

This vastly improved strain of Montmorency was developed in Fruitland, Idaho. The outstanding characteristics of this strain are; its semi-dwarf habit of growth, and the larger fruit which is produced more abundantly than other strains.

One Year on Mahaleb

	Per 10	Per 100
3½ ft. and up, 11/16 in. and up,	$10 00	$ 95 00
3 " " " 9/16 to 11/16 in.	9 00	85 00
2½ " " " 7/16 to 9/16 in.	8 00	75 00
2 " " " 5/16 to 7/16 in.	6 50	60 00

CHERRY—Sour

Two Year on Mahaleb	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 9 00	$ 85 00	$800 00
3½ " " " 9/16 to 11/16 in.	8 00	75 00	700 00
3 " " " 7/16 to 9/16 in.	6 50	60 00	------
5 " " " 1 in and up	11 00	100 00	900 00

Early Richmond
English Morello
Montgomery
Wragg

CHERRY—Sour

One Year on Mahaleb	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up	$ 9 00	$ 85 00	$800 00
3 " " " 9/16 to 11/16 in.	8 00	75 00	700 00
2½ " " " 7/16 to 9/16 in.	6 50	60 00	------
2 " " " 5/16 to 7-16 in.	5 00	45 00	------

Early Richmond
English Morello
Montmorency
Wragg

CHERRY—Sweet

One Year on Mahaleb	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, whips and lightly branched	$11 00	$100 00	$900 00
4 " " " 9/16 to 11/16 in.. whips and lightly branched	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in., whips and lightly branched	7 50	70 00	650 00
2½ " " " 5/16 to 7/16 in., whips	6 00	55 00	500 00

Bing
Black Republican
Black Tartarian
Kansas Sweet
Lambert
Napoleon
Yellow Glass

BUDDED NANKING CHERRY

TOMENTOSA, Orient Cherry Minn (#63)

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

	Per 10	Per 100
18 to 24 in.	$ 4 00	$ 35 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00

TOMENTOSA, Minn (#64) 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

18 to 24 in.	4 00	35 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
3 to 4 ft., transplants	$ 4 00	$ 35 00	$------
2 to 3 ft., "	2 90	25 00	220 00
18 to 24 in., "	2 40	20 00	180 00
12 to 18 in., "	1 80	15 00	------

PEAR STANDARD

	Per 10	Per 100	Per 1000
Two Year, 4½ ft. and up, 11/16 in. and up	$ 7 50	$ 70 00	$650 00
" " 4 " " " 9/16 to 11/16 in.	6 00	55 00	500 00
" " 3 " " " 7/16 to 9/16 in.	5 00	45 00	400 00
" " 2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00

Anjou
Bantam (Minn. No. 3)
Bartlett
Clapp Favorite
Douglas
Duchesse d'Angouleme
Flemish Beauty
Gorham
Kieffer
Lincoln
Mendel
Parker
Patten
Seckel

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years, 5-8 inch and up	$ 9 50	$ 90 00	$ ------
" " 1-2 to 5-8 inch	7 00	65 00	------

Bartlett
Duchess d'Angouleme
Kieffer
Seckel

PEACH—One Year

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 5 50	$ 50 00	$450 00
4 " " " 9/16 to 11/16 in.	4 50	40 00	350 00
3 " " " 7/16 to 9/16 in.	3 20	28 00	250 00
2 " " " 5/16 to 7/16 in.	2 10	18 00	------

Belle (Belle of Georgia)
Champion
Early Elberta
Elberta
Golden Jubilee
Halberta
Halehaven
Heath Cling
J. H. Hale
Mayflower
Polly
Red Haven
Rochester
Southhaven
Valiant

APRICOT—One Year
(On Peach Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	$ 8 50	$ 80 00	$ ------
3½ " " " 9/16 to 11/16 in.	7 00	65 00	------
3 " " " 7/16 to 9/16 in.	5 50	50 00	------
2 " " " 5/16 to 7/16 in.	4 00	35 00	------

Chinese
Scout
Superb
Wenatchee Moorpark

HANSEN MANCHURIAN APRICOTS—One Year
(On Peach Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	$ 8 50	$ 80 00	$ ------
3½ " " " 9/16 to 11/16 in.	7 00	65 00	------
3 " " " 7/16 to 9/16 in.	5 50	50 00	------
2 " " " 5/16 to 7/16 in.	4 00	35 00	------

Manchu

PLUM
EUROPEAN and JAPANESE
(On Myrobolan)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 7 50	$ 70 00	$650 00
4 " " " 9/16 to 11/16 in.	6 00	55 00	500 00
3 " " " 7/16 to 9/16 in.	5 00	45 00	400 00
2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00

Abundance
Blue Damson
Burbank
Fellenburg
Green Gage
Italian Prune
Lombard
Red June
Reine Claude
Stanley
Yellow Egg

PLUM—One Year
AMERICAN and HARDY HYBRIDS
(On Native Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 7 50	$ 70 00	$650 00
4 " " " 9/16 to 11/16 in.	6 00	55 00	500 00
3 " " " 7/16 to 9/16 in.	5 00	45 00	400 00
2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00

Compass
Ember
Hanska
Kaga
Kahinta
Oka
Omaha
Opata
Red Coat
Sapa
Superior
Terry
Toka
Underwood
Waneta

PLUM—One Year
AMERICAN and HARDY HYBRIDS
(On Peach Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 7 50	$ 70 00	$650 00
4 " " " 9/16 to 11/16 in.	6 00	55 00	500 00
3 " " " 7/16 to 9/16 in.	5 00	45 00	400 00
2 " " " 5/16 to 7/16 in.	4 00	35 00	300 00

Ember
Hanska
Opata
Sapa
Superior
Underwood
Waneta
Wild Goose

NECTARINE

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 7 50	$ 70 00	$
3½ " " " 9/16 to 11/16 in.	6 00	55 00	
3 " " " 7/16 to 9/16 in.	5 00	45 00	
2 " " " 5/16 to 7/16 in.	3 50	30 00	

Hunter
Sure Crop

CURRANTS
Tied. No. 1, 25; No. 2, 50 per Bundle.

	Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	$ 15 00	$125 00
" " " 2 yr. No. 2	9 50	85 00
Fay (Fay's Prolific), dark red, 2 yr. No. 1	15 00	125 00
" " " " " 2 yr. No. 2	9 50	85 00
Perfection, bright red, 2 yr. No. 1	16 50	140 00
" " " 2 yr. No. 2	12 00	100 00
Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.		
2 yr. No. 1	19 00	160 00
2 yr. No. 2	14 00	120 00
Wilder, dark red, 2 yr. No. 1	15 00	125 00
" " " 2 yr. No. 2	9 50	85 00

GOOSEBERRIES
Tied 25 per Bundle.

	Per 100	Per 1000
Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.		
2 yr. No. 1	$ 22 00	$200 00
2 yr. No. 2	18 00	160 00
Downing, pale green, 2 yr. No. 1	25 00	220 00
" " " 2 yr. No. 2 or 1 yr. No. 1	20 00	180 00
Houghton, dark red, 2 yr. No. 1	20 00	180 00
" " " 2 yr. No. 2 or 1 yr. No. 1	17 00	150 00
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	33 00	300 00
1 yr. No. 1	28 00	250 00

BLACKBERRIES
Tied 25 per Bundle.

	Per 100	Per 1000
Alfred, No. 1	$ 5 00	$ 45 00
Ancient Briton, No. 1	5 00	45 00
Blowers, No. 1	5 00	45 00
Early Harvest, No. 1	5 00	45 00
Eldorado, No. 1	5 00	45 00

RASPBERRIES

Tied 25 per Bundle.	Per 100	Per 1000
Chief, a Latham seedling; finest early red; heavy producer.		
No. 1, suckers	$ 5 50	$ 50 00
Cumberland, most widely planted blackcap raspberry.		
Tips	5 00	45 00
Transplants	8 50	80 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1 Suckers	6 50	60 00
Latham, a large, productive red variety, always in demand.		
No. 1, Suckers	5 50	50 00
Logan, very large, jet black, juicy and sweet.		
Tips	5 00	45 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
Tips	6 50	60 00
New Sunrise, one of the newer varieties, firm, juicy fruit, early.		
No. 1 Suckers	5 50	50 00
St. Regis, large and sweet, bears over a long season, red.		
No. 1 Suckers	5 50	50 00
Sodus, a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries.		
1 yr. No. 1 Tips	6 50	60 00
Taylor, large red, one of the newest and best commercial varieties from the N. Y. Agr. Exp. Sta.		
1 yr No. 1	5 50	50 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 per Bundle.	Per 100	Per 1000
Agawam, red, 2 yr. No. 1	$ 15 00	$ 125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Beta, black, 2 yr. No. 1	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1	18 00	------
2 yr. No. 2 or 1 yr. No. 1	14 00	------
Concord, black, 2 yr. No. 1	12 00	100 00
" " 2 yr. No. 2 or 1 yr. No. 1	8 50	75 00
Delaware, red, 2 yr. No. 1	18 00	150 00
" " 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	15 00	125 00
2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Moore's Early, black, 2 yr. No. 1	16 00	140 00
" " " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Niagara, white, 2 yr. No. 1	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	21 00	180 00
2 yr. No. 2 or 1 yr. No. 1	16 50	140 00
Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	------
2 yr. No. 2 or 1 yr. No. 1	16 00	------

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto, 2 yr. No. 1	$ 1 90	$ 16 00
" " " " 1 yr. No. 1	1 20	10 00
Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
2 yr. No. 1	1 90	16 00
1 yr. No. 1	1 20	10 00
Boysenberry, Tip plants	5 50	50 00
Boysenberry, Thornless tip plants	6 50	60 00
Dewberry Lucretia, R. C. plants No. 1	4 50	40 00
Horseradish, Crowns	5 50	50 00
" Cuttings	2 90	25 00
Rhubarb, Victoria, Whole Roots, 2 yr. 1½ in. and up	7 00	65 00
" " " " 2 yr. 1 to 1½ in.	5 00	45 00
" " " " 1 yr. ⅝ to 1 in.	4 00	35 00
" " " " 1 yr. ½ to ⅝ in.	2 90	25 00
Rhubarb, Chipman Red, sweet and of excellent flavor; stem dark red throughout.	45 00	------
Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	30 00	------
Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	30 00	------
Youngberry, Tip Plants, No. 1	5 50	50 00

FRUIT TREE SEEDLINGS—American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal. They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

APPLE SEEDLINGS, Western grown	Per 100	Per 1000
¼ in. and up, branched	$ 3 50	$ 30 00
¼ in. and up, straight	3 20	28 00
No. 1. 3/16 to 1/4 in., branched	2 90	25 00
No. 1, 3/16 to 1/4 in., straight	2 90	25 00
No. 2. 2/16 to 3/16 in., branched	2 10	18 00
No. 2, 2/16 to 3/16 in. straight	2 10	18 00
No. 3, about 2/16 in.	1 40	12 00
CHERRY MAHALEB, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16	1 80	15 00
CHERRY MAZZARD, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00
PEAR BARTLETT, Western grown		
1/4 in and up, branched	3 70	32 00
No. 1, 3/16 to 1/4 in., branched	3 20	28 00
No. 2, 2/16 to 3/16 in., branched	2 40	20 00
No. 3, about 2/16 in.	1 70	14 00
PLUM MYROBOLAN, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00

FRUIT TREE SEEDLINGS—Continued

PLUM NATIVE, Shenandoah grown	Per 100	Per 1000
1/4 in. and up	$ 4 50	$ 40 00
No. 1, 3/16 to 1/4 in.	3 50	30 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 70	14 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

ASH, GREEN (Fraxinus pennsylvanica lanceolata)	Per 100	Per 1000
18 to 24 in.	$ 2 40	$ 20 00
2 to 3 ft.	3 20	28 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	7 00	60 00
5 to 6 ft.	9 00	80 00
BOXELDER, (Acer negundo)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	45 00
BUCKTHORN CATHARTICA, (Rhamnus cathartica)		
12 to 18 in.	4 00	35 00
18 to 24 in., 2 year	5 60	50 00
2 to 3 ft. 2 year	7 50	65 00
3 to 4 ft. " "	9 00	80 00
CARAGANA arborescens (Siberian Peashrub)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
ELM, American (Ulmus americana)		
6 to 12 in.	80	7 00
12 to 18 in.	1 40	12 00
18 to 24 in.	1 90	16 00
2 to 3 ft.	2 60	22 00
3 to 4 ft.	3 70	32 00
4 to 5 ft.	5 60	50 00
5 to 6 ft.	8 50	75 00
ELM, Chinese (Ulmus pumila)		
6 to 12 in.	90	8 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
HACKBERRY, (Celtis occidentalis)		
6 to 12 in.	1 70	14 00
12 to 18 in.	2 40	20 00
18 to 24 in.	3 50	30 00
2 to 3 ft.	4 50	40 00
3 to 4 ft.	6 50	55 00

FOREST TREE SEEDLINGS—Continued

	Per 100	Per 1000
HONEY LOCUST (Gleditsia triacanthos)		
12 to 18 in.	$ 1 40	$ 12 00
18 to 24 in.	2 10	18 00
HONEY LOCUST, Thornless (Gleditsia triacanthos inermis)		
12 to 18 in.	1 80	15 00
18 to 24 in.	2 60	22 00
LOCUST, Black (Robinia pseudoacacia)		
12 to 18 in.	1 40	12 00
18 to 24 in.	2 10	18 00
2 to 3 ft.	2 90	25 00
3 to 4 ft.	4 50	40 00
MAPLE, Silver (Acer dasycarpum)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 90	25 00
MULBERRY, Russian (Morus alba tatarica)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
4 to 5 ft.	8 50	75 00
OAK, Pin, (Quercus palustris)		
9 to 12 in.	5 00	45 00
12 to 18 in.	7 00	60 00
18 to 24 in.	9 00	80 00
OSAGE ORANGE (Maclura pomifera)		
9 to 12 in.	70	6 00
12 to 18 in.	1 20	10 00
18 to 24 in.	1 70	14 00
2 to 3 ft.	2 10	18 00
3 to 4 ft.	2 90	25 00
PERSIMMON, (Diospyros virginiana)		
6 to 12 in.	2 90	25 00
12 to 18 in.	4 50	40 00
RED BUD, (Cercis canadensis)		
12 to 18 in.	2 90	25 00
18 to 24 in.	4 00	35 00
2 to 3 ft.	5 60	50 00
3 to 4 ft.	10 00	90 00
RUSSIAN OLIVE (Elaeagnus angustifolia)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
WALNUT, Black (Juglans nigra)		
6 to 12 in.	2 60	22 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	9 00	80 00
4 to 5 ft.	7 50	70 00
5 to 6 ft.	10 00	90 00

FOREST TREE SEEDLINGS—Continued

ONE YEAR FROM CUTTINGS

POPLAR (Populus)

Carolina and Norway	Per 100	Per 1000
2 to 3 ft., whips	$ 4 50	$ 40 00
3 to 4 ft., "	7 00	60 00
4 to 5 ft., lightly branched	8 50	75 00
5 to 6 ft., " "	10 00	90 00
Simoni (Chinese Lombardy)		
3 to 4 ft., whips	8 50	75 00
4 to 5 ft., "	10 00	90 00
5 to 6 ft., "	14 00	120 00
Lombardy and Volga		
2 to 3 ft., whips	5 60	50 00
3 to 4 ft., "	8 50	75 00
4 to 5 ft., "	10 00	90 00

WILLOW (Salix)

Babylonica		
2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	8 50	75 00
Golden		
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
Niobe (Golden Weeping)		
18 to 24 in.	4 00	35 00
2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	8 50	75 00
Pussy (discolor)		
12 to 18 in.	2 40	20 00
18 to 24 in.	4 00	35 00
2 to 3 ft.	5 60	50 00
3 to 4 ft.	7 50	65 00
Wisconsin (blanda)		
18 to 24 in.	4 00	35 00
2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	8 50	75 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.
All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (pennsylvanica lanceolata) 50-60 ft.
Shapely, round-headed trees with slender, spreading branches. Hardy.

	Per 10	Per 100
5 to 6 ft.	$ 5 50	$ 50 00
6 to 8 ft.	8 50	80 00

CATALPA

bungei (Manchurian) 10-12 ft.
Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

1 year heads, 5 to 6 ft. stems	13 50	125 00
2 year heads, 4 to 5 ft. stems	13 50	125 00
2 year heads, 5 to 6 ft. stems	16 50	150 00

CRAB, FLOWERING (MALUS)

18 to 24 in.	4 50	40 00
2 to 3 ft.	5 50	50 00

Bechtel (ioensis plena) 12-15 ft. May-June. The genuine double-flowering crab; medium-sized tree; hardy. Delicate pink, double, small rose-like flowers; fragrant.

CRAB, FLOWERING (MALUS)

2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00
5 to 6 ft.	11 00	100 00

atrosanguinea (Carmine Crab). 15-20 ft.
Brilliant single carmine flowers and purplish-bronze foliage. Resembling wild rose, followed by scarlet fruit.

niedzwetzkyana (Redvein Crab). Large deep pink flowers; red bark leaves and fruit.

Red Silver. 25-30 ft. Cut-leaved, maroon red and silver foliage, bright red fruit.

CRAB, FLOWERING (Malus)

2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	6 50	60 00
5 to 6 ft.	8 00	75 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

ELM (ULMUS)

American White (americana) 60-100 ft.
A stately, massive tree that affords ample shade and shelter.

5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00

Chinese (Ulmus pumila) 40-50 ft.
A hardy, rapid-growing tree; small dense foliage; drought-resistant.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00

ORNAMENTAL and SHADE TREES—Continued

ELM (ULMUS)—Continued

Moline 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

5 to 6 ft.	$ 9 00	$ 85 00
6 to 8 ft.	11 00	100 00
8 to 10 ft.	16 50	150 00

LINDEN, American (Tilia americana) 60-80 ft.

A stately broad uniform tree with large shining cordate leaves. Fragrant yellow flowers late in June.

5 to 6 ft.	11 00	100 00
6 to 8 ft.	16 50	150 00
8 to 10 ft.	22 00	200 00

MAPLE (ACER)

Norway (patanoides) 50-60 ft.

Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

4 to 5 ft. whips	4 50	40 00
5 to 6 ft. "	5 50	50 00
5 to 6 ft. branched	15 00	140 00
6 to 8 ft. "	19 00	175 00

Schwedleri (Purple Leaf Maple) 40-50 ft.

A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.

4 to 5 ft. whips	9 00	85 00
5 to 6 ft. "	11 00	100 00
5 to 6 ft. branched	18 00	165 00
6 to 8 ft. "	25 00	225 00

Silver or Soft (dasycarpum) 60-80 ft.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

5 to 6 ft.	5 50	50 00
6 to 8 ft.	9 00	85 00

Sugar or Hard (saccharum) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

5 to 6 ft.	14 00	125 00
6 to 8 ft.	19 00	175 00
8 to 10 ft.	25 00	225 00

MOUNTAIN ASH (SORBUS)

European (aucuparia) 20-40 ft.

Smooth bark and dense, pyramidal heads; berry clusters are large and bright.

4 to 5 ft.	9 50	90 00
5 to 6 ft.	14 00	125 00
6 to 8 ft.	17 50	160 00

MULBERRY (MORUS)

Russian (alba tatarica) 50-60 ft.

Small light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

4 to 5 ft. branched	2 90	25 00
5 to 6 ft. "	4 00	35 00
6 to 8 ft. "	6 50	60 00

ORNAMENTAL and SHADE TREES—Continued

OAK (QUERCUS)

	Per 10	Per 100

Pin (palustris) 70-80 ft.

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

5 to 6 ft.	$ 16 50	$150 00
6 to 8 ft.	22 00	200 00
8 to 10 ft.	30 00	275 00
1½ to 2 in.	42 50	375 00
2 to 2½ in.	55 00	500 00
2½ to 3 in.	65 00	600 00

Red (rubra) 60-80 ft.

A monarch in the tree world. Heavy, shiny, deep green leaves turning crimson in Fall.

6 to 8 ft.	22 00	200 00
8 to 10 ft.	30 00	275 00
1½ to 2 in.	42 50	375 00

POPLAR (POPULUS)

Carolina (Norway variety) 70-80 ft.

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

5 to 6 ft.	4 00	35 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	8 00	75 00
1¼ to 1½ in.	11 00	100 00

Lombardy (nigra italica) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

5 to 6 ft. low branched	3 20	28 00
6 to 8 ft. " "	4 50	40 00
8 to 10 ft. " " ($500 00 per M)	6 00	55 00
1¼ to 1½ in. " " ($600 00 ")	7 00	65 00
1½ to 2 in. " "	8 50	80 00

Silver (alba nivae) 50-60 ft.

A broad-headed tree useful for foliage effects in large plantings. Maple-like leaves; rich green on top, snow-white under surfaces.

5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00

PRUNUS (PLUM) Tree and bush forms.

cistena (Hansen's Purple-leaved Plum) (Bush Form) (On plum roots) 4-5 ft.

Rich purplish foliage; reddish-brown branches. Very hardy.

12 to 18 in.	4 00	25 00
18 to 24 in.	5 50	50 00
2 to 3 ft.	7 00	65 00

Newport (Purple-leaved Plum) (Bush Form) (On plum roots) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

2 to 3 ft.	7 00	65 00
3 to 4 ft.	8 50	80 00
4 to 5 ft.	11 00	100 00

ORNAMENTAL and SHADE TREES—Continued

PRUNUS (PLUM)—Continued

Persica (Flowering Peach on peach roots) (Tree form) 15-18 ft.

	Per 10	Per 100
2 to 3 ft.	$ 4 50	$ 40 00
3 to 4 ft.	5 50	50 00
4 to 5 ft.	7 50	70 00
5 to 6 ft.	9 00	85 00

Cardinal, Double red.
Iceberg, Early snow-white.
Peppermint Stick, Bi-color red and white.
Pink Charming, Double pink.

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pissardi rosea (On peach roots) 10 ft.

Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring. A new introduction recently imported from England.

18 to 24 in.	7 00	65 00
2 to 3 ft.	8 50	80 00
3 to 4 ft.	11 00	100 00

pissardi veitchi (On peach roots) 15 ft.

Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

18 to 24 in.	7 00	65 00
2 to 3 ft.	8 50	80 00
3 to 4 ft.	11 00	100 00

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thundercloud (On plum roots) 20 ft.

The finest of all Purple Leaf Plums. Very hardy.

18 to 24 in.	5 50	50 00
2 to 3 ft.	7 00	65 00

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tomentosa, Orient Cherry (#63)

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for Jams and Jelly.

18 to 24 in.	4 00	35 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00

tomentosa, (#64) 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

18 to 24 in.	4 00	35 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00

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triloba (Double Flowering Plum) (Bush Form) (On Plum roots) 8-10 ft.

Known also as the "Rose Tree of China." One of the finest shrubs; completely covered with pink rose-like flowers in April and May.

12 to 18 in.	4 00	25 00
18 to 24 in.	5 50	50 00
2 to 3 ft.	7 00	65 00
3 to 4 ft.	8 50	80 00
4 to 5 ft.	11 00	100 00

ORNAMENTAL and SHADE TREES—Continued

REDBUD (CERCIS)

canadensis 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

	Per 10	Per 100
2 to 3 ft.	$ 5 50	$ 50 00
3 to 4 ft.	8 00	75 00
4 to 5 ft.	11 00	100 00
5 to 6 ft.	13 50	125 00
6 to 8 ft.	17 00	160 00

RUSSIAN OLIVE (Elaeagnus angustifolia) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.

4 to 5 ft.	7 00	65 00
5 to 6 ft.	9 00	85 00

WILLOW (SALIX)

babylonica 40-50 ft.

A large, graceful Willow; bright green foliage, long wavy branches.

3 to 4 ft.	2 90	25 00
4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark

3 to 4 ft.	2 90	25 00
4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	10 00	90 00
8 to 10 ft.	12 00	110 00

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

2 to 3 ft.	3 50	30 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	5 50	50 00
5 to 6 ft.	6 50	60 00

Russian Golden (vitellina) 26-30 ft.

Extremely hardy. One of the most wind-resisting windbreak trees.

4 to 5 ft.	3 50	30 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	10 00	90 00

Wisconsin (blanda) 30-40 ft.

The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.

3 to 4 ft.	2 90	25 00
4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	9 50	90 00
8 to 10 ft.	12 00	110 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$ -----
18 to 24 in.	4 00	35 00	-----
2 to 3 ft.	5 00	45 00	-----
3 to 3½ ft.	6 00	55 00	-----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 10	9 00	80 00
18 to 24 in.	1 80	15 00	125 00
2 to 3 ft.	2 40	20 00	175 00
3 to 4 ft.	2 90	25 00	225 00

Anemoneflorus, double bright pink.
Boule de Feu, double purplish-red.
Jeanne de Arc, double pure white.
Lucy, very double red.
Purpurea Semi-Plena, semi-double clear purple.
Totus Albus, single white.

BARBERRY (BERBERIS)

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

12 to 15 in.	2 40	20 00	-----
15 to 18 in.	3 20	28 00	-----
18 to 24 in.	4 00	35 00	-----

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	1 70	14 00	120 00
15 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 60	22 00	200 00
2 to 2½ ft.	3 50	30 00	270 00

TRUE HEDGE COLUMNBERRY (thunbergi erecta) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliaged than Thunbergi.

	Retail Resale Price				Wholesale Prices, Net		
	Each	Per 5	Per25	Per 100	Per 10	Per 100	Per 1000
12 to 15 in.	$ 60	$2 20	$10 00	$36 00	$2 80	$23 00	$210 00
15 to 18 in.	70	2 85	12 50	45 00	3 50	30 00	270 00
18 to 24 in.	90	3 50	15 00	55 00	4 50	37 00	340 00

BUCKTHORN (RHAMNUS)

cathartica (Common) June. 6 ft.

Attractive ovate, dark green leaves, smaller, white flowers; black berries Used extensively for hedging in the north.

18 to 24 in.	$ 1 80	$ 15 00	$ -----
2 to 3 ft.	2 40	20 00	-----
3 to 4 ft.	3 50	30 00	-----

ORNAMENTAL SHRUBS—Continued

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

	Per 10	Per 100	Per 1000
Medium	$ 2 40	$ 20 00	$180 00
No. 1	2 90	25 00	220 00

Farquhar, 5-6 ft.
Lavender pink flowers with orange center; fragrant.

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

Dubonnet, 4-5 ft.
The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

BUTTERFLY BUSH (BUDDLEIA) Newest Varieties

Medium	2 50	22 00	200 00
No. 1	3 20	28 00	250 00

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Hartwegi, 4-5 ft.
Flowers bright lavender, foliage dark green. Compact.

Red Glory
A distinctly red Buddleia. Elooms over a long period. Dark green foliage.

PATENTED BUDDLEIA

EMPIRE BLUE

Patent No. 557

An incomparable blue buddleia. A delightful shade of blue combining an Aster blue with delicate lilac tone.

	Per 10	Per 100	Per 1000
No. 1 Dormant, field grown plants	$ 4 00	$ 35 00	$300 00

(Retails 75¢ each, $7.50 per doz.)

PEACE

Patent No. 705

A pure white buddleia. Produces graceful and slightly arching well formed flowers 12 to 16 inches long. Produce abundantly summer and fall until frost. Rugged plants grow to about 6 feet in height.

	Per 10	Per 100	Per 1000
No. 1 Dormant, field grown plants	$ 5 50	$ 45 00	$ ____

(Retails $1.00 each, $8.50 per doz.)

PURPLE PRINCE

Patent No. 706

The unusual, immense broad lilac like spikes are a rich, iridescent imperial purple which actually sparkle in the sunlight. Each tiny flower has a brilliant golden orange eye. The base of the flower spikes are at least twice as wide as that of any other variety. Flowers are produced in profusion throughout the summer and fall on rugged plants. An outstanding variety in every sense of the word.

	Per 10	Per 100	Per 1000
Strong pot plants. **Spring only.**	$ 5 50	$ 45 00	$____

(Retails $1.00 each, $8.50 per doz.)

WHITE PROFUSION

Patent No. 786

A new dwarf buddleia, growing not over 3 feet tall and about the same in diameter. Forms a green mound literally covered with a hundred or more short-stemmed flower spikes of pure white. Blooms from early August until October. Perfect for perennial border.

	Per 10	Per 100	Per 1000
No. 1 Dormant, field grown plants	$ 5 50	$ 45 00	$____

(Retails $1.00 each, $8.50 per doz.)

ORNAMENTAL SHRUBS—Continued

CALYCANTHUS (SWEET SCENTED SHRUB)

	Per 10	Per 100	Per 1000
Floridus. June-July. 4-5 ft.			
A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.			
12 to 18 in.	$ 2 00	$ 25 00	$ ------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	4 50	40 00	------

CARAGANA (PEASHRUB)

arborescens (Siberian Peashrub) May-June. 10-20 ft.			
Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.			
12 to 18 in.	1 70	14 00	120 00
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 50	22 00	------

CEPHALANTHUS (BUTTONBUSH)

occidentalis (Common Buttonbush) July. 5-6 ft.			
A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.			
12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.			
Stout, erect, bright red branches; white flowers, porcelain-blue berries.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
Florida (White Flowering Dogwood) July. 12-15 ft.			
Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.			
18 to 24 in.	8 00	75 00	------
2 to 3 ft.	11 00	100 00	------
Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.			
Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.			
18 to 24 in. Bare root	14 00	125 00	------
2 to 3 ft. Wrapped in moss and burlap	22 00	200 00	------
stolonifera (Redosier Dogwood) May-June. 6-8 ft.			
Spreading but erect growing; white flowers and berries; dark red bark.			
12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------
stolonifera lutea (Gold Twig Dogwood) 6-8 ft.			
A striking yellow-branched form of Stolonifera; of high decorative value.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.			
An attractive hardy shrub or hedge. Dark green leaves. Black fruit.			
12 to 18 in.	2 50	22 00	------
18 to 24 in.	3 50	30 00	------

ORNAMENTAL SHRUBS—Continued

CRANBERRY, Highbush (See Viburnum)

	Per 10	Per 100	Per 1000

CREPE MYRTLE (Lagerstroemis Indica) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

12 to 18 in.	$ 2 10	$ 18 00	$ ------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	3 50	30 00	------

Pink Purple Watermelon Red

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 00	35 00	300 00
3 to 3½ ft.	5 00	40 00	------

japonica rubra (True Red Flowering Quince) March-April 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 00	45 00	400 00

DEUTZIA

gracilis (Slender or Dwarf Deutzia) May. 2½-3 ft.

One of the most useful of all dwarf-growing shrubs. A profusion of snow-white flowers in May. Will thrive in partial shade. Used for forcing.

9 to 12 in.	2 90	25 00	------

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	1 40	12 00	100 00
18 to 24 in.	2 00	17 00	150 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	------

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.

A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

intermedia (Border Forsythia) April. 6-8 ft.

One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA (GOLDEN BELL)—Continued

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

FORSYTHIA SPRING GLORY

A new Forsythia which is, without doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

12 to 18 in.	2 60	22 00	------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------

HAMAMELIS, Virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------

HEDGING (See Pages 23-28)

HONEYSUCKLE (LONICERA)

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	400 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	400 00

Tatarian Red (tatarica rubra) April-May 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	400 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------

ORNAMENTAL SHRUBS—Continued

HYDRANGEA

arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 00	$ 25 00	$220 00
18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 50	50 00	------

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 50	50 00	------

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers moist soil. Will endure part shade.

12 to 18 in.	2 50	22 00	200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	------

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 50	60 00	------

LILAC (SYRINGA)

Common Purple (vulgaris) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

Common White, (vulgaris alba) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

Persian Purple (persica) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

12 to 18 in.	2 50	22 00	------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------
3 to 4 ft.	5 50	50 00	------

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 50	$ 22 00	$ ------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

LILAC (Syringa)

French Lilacs. Named varieties. April-May 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many usual shades and color blends.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4 00	$ 35 00	$
18 to 24 in.	5 50	50 00	
2 to 3 ft.	7 00	€5 00	

Alphonse Lavalle, pyramidal clusters of double bluish-lilac flowers.
Belle de Nancy, great panicles of double satiny rose blooms; white center.
Charles Joly, double purplish-red. Tall grower; one of the best.
Charles X, single, reddish purple; free flowering.
Congo, great panicles of dark wine-red flowers; distinct and superb.
Edouard Andre, double, clear rose, one of the best of this color.
Ellen Willmott, immense panicles of double flowers and florets of creamy white.
Jan Van Tol, large trusses single, pure white flowers. One of the best.
Jean Mace, double. Produces immense, full panicles, bluish mauve.
Ludwig Spaeth, single dark purplish-red, long panicles.
Marie Legraye, single, slender panicles of creamy white. Blooms profusely.
Michel Buchner, dwarf and stocky; double delicate lilac flowers.
Mme. Casimir Perier, double white flowers in compact clusters; free-flowering.
President Grevy, double, clear soft, delicate blue flowers; large panicles.
President Lincoln, clear, rich blue flowers with large, fragrant florets. New.
Ruhm von Horstenstein, single, reddish purple.
Victor Lemoine, double, soft rosy pink, overlaid blue lavender. An outstanding variety.

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Bouquet Blanc. May-June. 4-5 ft.

Close-set branches of fragrant double white flowers; rich green foliage.

12 to 18 in.	2 90	25 00	
18 to 24 in.	4 00	35 00	
2 to 3 ft.	5 00	45 00	

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	320 00

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

Large scentless white flowers in clusters; branches somewhat straggling.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	320 00

Virginal May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

12 to 18 in.	3 50	30 00	
18 to 24 in.	4 50	40 00	
2 to 3 ft.	5 50	50 00	
3 to 4 ft.	6 50	60 00	

PHYSOCARPUS (NINEBARK)

opulifolius (Common Ninebark) May-June. 8-10 ft.

A fine massing shrub; dark green foliage, creamy white flowers followed by attractive reddish seed pods. Does well in partial shade.

12 to 18 in.	2 10	18 00	
18 to 24 in.	2 90	25 00	
2 to 3 ft.	4 00	35 00	

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS (NINEBARK)—Continued

	Per 10	Per 100	Per 1000
opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft. Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.			
18 to 24 in.	$ 2 90	$ 25 00	$ ------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	-----	------
opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft. A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------

PRIVET (LIGUSTRUM)

	Per 100	Per 1000
Amur River North (amurense) June. 8-12 ft. Vigorous, upright growth; white flowers followed by black berries. Hardy.		
9 to 12 in.	$ 4 50	$ 40 00
12 to 18 in., 2 canes and up	5 60	50 00
12 to 18 in., 3 " " "	7 00	60 00
18 to 24 in., 2 " " "	7 00	60 00
18 to 24 in., 3 " " "	9 00	80 00
2 to 3 ft., 2 and 3 canes and up	9 00	80 00
2 to 3 ft., 4 canes and up	12 00	100 00
3 to 4 ft., 4 " " "	16 00	140 00
3 to 4 ft., 5 " " "	18 00	160 00
California (ovalifolium) June-July. 8-12 ft.		
9 to 12 in., branched	4 00	35 00
12 to 18 in., 3 canes and up	5 60	50 00
18 to 24 in., 3 " " "	7 00	60 00
2 to 3 ft., 4 canes and up	8 50	75 00
ibolium (Hardy California) June-July. 6-8 ft. Very similar to, but much hardier than California Privet, not as evergreen.		
9 to 12 in.	4 00	35 00
12 to 18 in., 3 canes and up	5 60	50 00
18 to 24 in., 3 " " "	7 00	60 00
2 to 3 ft., 4 " " "	9 00	80 00
Regel (regelianum) 6-8 ft. Low, dense growth, horizontal, spreading branches, berries remain all winter.		
12 to 18 in.	18 00	160 00
18 to 24 in.	32 00	230 00
2 to 2½ ft.	36 00	320 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

	Per 10	Per 100	Per 1000
aromatica (canadensis) Fragrant Sumac. April-May. 5-6 ft. Low spreading shrub with clusters of small yellow flowers, red berries; fragrant foliage turns to orange and scarlet in the Fall.			
12 to 18 in	$ 2 60	$ 22 00	$ ------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------
Cut Leaf (typhina laciniata) 8-10 ft. Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued

	Per 10	Per 100	Per 1000
Smooth (glabra) 6-10 ft. Dwarf habit; rich Autumn coloring; red seeds in clusters.			
12 to 18 in.	$ 1 70	$ 14 00	$ ----
18 to 24 in.	2 50	22 00	----
2 to 3 ft.	3 20	28 00	----
Staghorn (typhina) June-July. 12–20 ft. Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.			
12 to 18 in.	1 90	16 00	----
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 50	40 00	350 00

SPIREA

Anthony Waterer. June-September. 3-3½ ft. Very dwarf; free-flowering. Produces flat rose-red flower heads.			
9 to 12 in.	2 10	18 00	----
12 to 15 in.	2 90	25 00	----
15 to 18 in.	3 50	30 00	----
18 to 24 in.	4 00	35 00	----
arguta (Garland) April-May. 5-6 ft. Small, fern-like foliage; slender branches; minute pure white flowers.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
billiardi Pink. July-September. 5-6 ft. Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.			
12 to 18 in.	1 60	14 00	125 00
18 to 24 in.	2 40	20 00	175 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 50	40 00	350 00
bumalda superba. Dwarf shrub with deep rosy-pink flowers in flattish heads; upright growth, Improved strain of bumalda.			
12 to 18 in.	2 60	22 00	----
18 to 24 in.	3 50	30 00	----
2 to 3 ft.	4 50	40 00	----
froebeli (Froebel) May-June. 3-4 ft. Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 2½ ft.	3 50	30 00	270 00
opulifolia (See Physocarpus opulifolius)			
opulifolia aurea (See Physocarpus opulifolius aureus)			
opulifolia nana (See Physocarpus opulifolius nana)			
thunbergi (Thunberg Spirea) April. 3-4 ft. Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 2½ ft.	3 50	30 00	270 00
vanhoutte April-May. 5-6 ft. A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.			
12 to 18 in.	1 40	12 00	100 00
18 to 24 in.	1 90	16 00	140 00
2 to 3 ft.	2 50	22 00	200 00
3 to 4 ft.	3 50	30 00	250 00

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS (SNOWBERRY)

	Per 10	Per 100	Per 1000
chenaulti (Improved Coralberry) June-July. 4-5 ft.			
Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.			
12 to 18 in.	$ 1 90	$ 16 00	$ ------
18 to 24 in.	2 50	22 00	------
racemosus (Common White Snowberry) June-July. 3-5 ft.			
A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.			
12 to 18 in.	1 60	14 00	120 00
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 90	25 00	220 00
3 to 3½ ft.	3 50	30 00	------
vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.			
A hardy native shrub; pink flowers, purplish-red berries in bunches.			
12 to 18 in.	1 60	14 00	120 00
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 90	25 00	220 00
3 to 3½ ft.	3 50	30 00	------

TAMARIX

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 1 60	$14 00	$125 00
18 to 24 in.	2 40	20 00	175 00
2 to 3 ft.	3 10	27 00	225 00
3 to 4 ft.	4 00	35 00	300 00

africana. May. 10-12 ft.
Slender spreading branches, reddish brown bark, pink flowers.

amurensis (Amur Tamarix) August-September. 8-10 ft.
Purple branches, graceful foliage. Thrives in dry soil.

hispida (Kashgar Tamarix) August-September. 12-15 ft.
Slow, compact, upright growth; long panicles of bright pink flowers.

tetandra purpurea. May-June. 10-12 ft.
Vigorous growth, bright green foliage, pink flowers. Very hardy.

NOTE: Tamarix should be cut to the ground when planted. If this is not done, it is doubtful that plants will grow.

VIBURNUM dentatum, Arrowhead. 10-12 ft.

	Per 10	Per 100	Per 1000
Attractive foliage, white flowers, April-May, followed by bluish-black fruit.			
12 to 18 in.	$ 2 10	$18 00	$ ------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.			
Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.			
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
opulus sterile, Common Snowball. 10-12 ft.			
Popular shrub. Blooms porfusely. Large double white flowers. April-May.			
12 to 18 in.	3 20	28 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

ORNAMENTAL SHRUBS—Continued

	Per 10	Per 100	Per 1000
VITEX macrophylla (Big-leaved Chaste Tree) July to frost. 5-6 ft.			
Semi-dwarf flowers lavender-blue. Hardy.			
12 to 18 in.	$ 2 60	$ 22 00	$ -----
18 to 24 in.	3 20	28 00	-----
2 to 3 ft.	4 00	35 00	-----
WEIGELA (DIERVILLA)			
Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.			
Attractive foliage; clear ruby red trumpet-shaped flowers over long season.			
12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	-----
rosea (Pink Weigela) May-June. 6-8 ft.			
Erect, compact growth; fine rose-colored flowers. Used extensively.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.			
Dwarf, leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.			
12 to 18 in.	2 50	22 00	-----
18 to 24 in.	3 50	30 00	-----

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

	Per 10	Per 100	Per 1000
AMPELOPSIS			
engelmanni (Engelmann Creeper) 30-40 ft.			
Self-clinging woodbine.. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.			
2 year, Medium	$ 2 10	$ 18 00	$160 00
2 " No. 1	2 60	22 00	200 00
3 " No. 1	2 90	25 00	-----
veitchi (Tricuspidata) Boston Ivy. 40-50 ft.			
Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.			
2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00
3 " No. 1	3 50	30 00	-----
BIGNONIA			
radicans (Trumpet Creeper) July-August. 20-30 ft.			
A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.			
2 year, Medium	2 40	20 00	-----
2 " No. 1	2 90	25 00	-----
3 " No. 1	3 50	30 00	-----
CELASTRUS			
scandens (American Bittersweet) 20-25 ft.			
Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.			
2 year, Medium	2 10	18 00	-----
2 " No. 1	2 90	25 00	220 00

ORNAMENTAL VINES—Continued

CLEMATIS	Per 10	Per 100	Per 1000
Paniculata (Sweet Autumn)			
A valuable climber literally covered with white fragrant flowers in September.			
2 year, Medium	$ 3 20	$ 28 00	$
2 " No. 1	4 00	35 00	
3 " No. 1	4 50	40 00	
EUONYMUS RADICANS VEGETUS, (Big Leaf Winter Creeper) 15-20 ft.			
Large glossy green foliage, scarlet berries. Evergreen.			
2 year, Medium	5 00		
2 Year, No. 1	6 50		
HONEYSUCKLE (LONICERA)			
Gold Flame. May until Frost. 15-20 ft.			
Flowers flame-coral, inside clear yellow, produced in clusters.			
2 year, No. 1	4 50	40 00	
2 " Medium	3 70	32 00	
Hall's Japan (Japonica Halliana) July-October. 20-25 ft.			
Fragrant, pure white flowers, changing to yellow; almost evergreen.			
2 year, Medium	1 80	15 00	130 00
2 " No. 1	2 20	19 00	160 00
Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.			
A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.			
2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00
Summer King (Heckrotti) May until Frost. 15-20 ft.			
Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.			
2 year, Medium	3 70	32 00	280 00
2 " No. 1	4 20	40 00	350 00
POLYGONUM auberti			
(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.			
A fast-growing, twining vine; light green leaves, fleecy white flowers.			
2 year, Medium	2 90	25 00	
2 " No. 1	3 50	30 00	
WISTERIA			
American (frutescens) June-July. 20-25 ft.			
Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.			
2 Year, Medium	2 40	20 00	
2 " No. 1	2 90	25 00	220 00
Chinese Blue (sinensis) May. 30-40 ft.			
Long, attractive drooping clusters of pea-shaped flowers.			
2 Year, Medium	2 40	20 00	
2 " No. 1	2 90	25 00	
Chinese White (sinensis alba) May. 30-40 ft.			
White form of above.			
2 Year, Medium	2 40	20 00	
2 " No. 1	2 90	25 00	
Multijuga Pink, Japanese Wisteria. May. 40-50 ft.			
Beautiful pink flowers in long clusters.			
2 Year, Medium Grafts	3 50	30 00	
2 " No. 1 "	4 50	40 00	
Multijuga White, Japanese White Wisteria. May. 30-40 ft.			
Pure white flowers in long clusters. Vigorous, rampant grower.			
2 Year, Medium Grafts	3 50	30 00	
2 " No. 1 "	4 50	40 00	

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

	Per 10	Per 100
BARBERRY, (BERBERIS)		
thunbergi (Japanese Barberry)		
9 to 12 in., 1 year seedlings	$ 3 50	$ 30 00
9 to 12 in., 2 year seedlings, branched	5 00	45 00
12 to 18 in., 2 and 3 year seedlings, branched	7 00	60 00
18 to 24 in., 2 and 3 year seedlings, branched	9 00	80 00
BUCKTHORN CATHARTICA, Rhamnus cathartica		
12 to 18 inches	4 00	35 00
18 to 24 inches, 2 year	5 60	50 00
2 to 3 feet, " "	7 50	65 00
3 to 4 feet, " "	9 00	80 00
CARAGANA arborescens (Siberian Pea Tree)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft	6 50	55 00
HONEYSUCKLE (Lonicera)		
Tatarian—Pink, White		
9 to 12 in.	7 00	60 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	15 00	130 00
MULBERRY (MORUS) Russian, tatarica		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
PRIVET—See Ornamental Shrubs.		
RUSSIAN OLIVE (Elaeagnus angustifolia)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
SPIREA vanhoutte		
9 to 12 in.	5 60	50 00
10 to 15 in.	7 00	60 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	16 00	140 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Evergreens can be suppllied with the roots puddled if desired at 15¢ and 20¢ reduction from the listed prices on 18 to 24 inch and 2 to 3 feet sizes respectively.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)

	Per 10	Per 100
concolor (Silver) 70-80 ft.		
Long, soft, grayish-blue needles. One of the finest evergreens of this type.		
2 to 3 ft.	$ 40 00	$ ------
3 to 4 ft.	50 00	------
douglasi (Douglas) (Pseudotsuga douglasi) 70-80 ft.		
Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.		
2 to 3 ft.	32 50	300 00
3 to 4 ft.	42 50	400 00
4 to 5 ft.	60 00	550 00
5 to 6 ft.	80 00	750 00

VARIETIES OF JUNIPER CHINENSIS

JUNIPERUS (JUNIPER)

chinensis (Chinese) 15-20 ft.

Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.

	Per 10	Per 100
2 to 2½ ft.	$ 25 00	$225 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00
4 to 5 ft.	60 00	575 00

	Per 100	Per 1000
chinensis pfitzeriana (Pfitzer Juniper) 6-8- ft. spread.		
Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.		
15 to 18 in.	$ 25 00	$ ------
18 to 24 in.	30 00	------
2 to 2½ ft.	35 00	------
chinensis pfitzeriana Kallay's Compacta (Compact Pfitzer Juniper)		
Slower-growing and more compact than the common Pfitzer Juniper.		
15 to 18 in.	27 50	------
18 to 24 in.	32 50	------
2 to 2½ ft.	37 50	------
chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.		
Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.		
2½ to 3 ft.	37 50	350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	50 00	475 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

VARIETIES OF JUNIPER CHINENSIS—Continued

ABIES (FIR)—Continued	Per 10	Per 100
chinensis pyramidalis Green (Green Columnar Juniper) 15-20 ft.		
The description of the blue form applies also to the green. However, the color is bright green with some foliage variations.		
2½ to 3 ft.	$ 37 50	$350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	50 00	475 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

VARIETIES OF MISCELLANEOUS JUNIPERS

communis hibernica (Irish Juniper) 6-8 ft.		
Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.		
2 to 3 ft.	19 00	175 00
3 to 4 ft.	25 00	------
excelsa stricta (Spiny Creek Juniper)		
Compact, well shaped pyramidal form; foliage gray-green.		
3 to 3½ ft.	25 00	------
3½ to 4 ft.	30 00	------
4 to 5 ft.	47 50	------
horizontalis (Prostrate Juniper) 6-8 ft. spread		
Long, trailing stems with upright spreading branches; dark green foliage. Grows rapidly and makes a very pleasing effect when planted on terraces.		
15 to 18 in., spread	17 50	150 00
18 to 24 in., "	20 00	------
2 to 2½ ft., "	27 50	------
horizontalis plumosa (Andorra Creeping Juniper) 5 ft. spread		
A dwarf spreading Juniper of silvery green color; foliage turns to pinkish or purple color in Autumn, a distinct color which holds until Spring.		
18 to 24 in., spread	22 50	200 00
2 to 2½ ft. "	30 00	275 00
2½ to 3 ft. "	32 50	------
sabina (Savin Juniper) 3-4 ft.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage.		
15 to 18 in., spread	25 00	225 00
18 to 24 in., "	30 00	275 00
2 to 2½ ft. "	35 00	325 00
2½ to 3 ft., "	37 50	------
sargent. (Sargent Juniper) 3-4 ft. Spread.		
Prostrate grass green foliage. A very good ground cover or rock garden plant.		
18 to 24 in.	32 50	300 00
2 to 2½ ft.	37 50	350 00

VARIETIES OF JUNIPER SCOPULORUM

scopulorum (Colorado Silver Juniper) 25-30 ft.		
Seedling form of the widely known and valuable Western Juniper. Silvery foliage, symmetrical growth. Thrives in hot, dry weather.		
2½ to 3 ft.	35 00	325 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	47 50	------
4 to 5 ft.	55 00	------

EVERGREENS—(Continued)

VARIETIES OF JUNIPER SCOPULORUM—Continued.

scopulorum. Assorted grafted green and blue varieties. Per 10 Per 100

The trees offered in this classification are first class specimen trees in every respect. We are offering them at a reduced price since there are not enough of any one variety and grade to warrant individual listings.

PLEASE SPECIFY THE COLOR FOLIAGE (BLUE OR GREEN) YOU PREFER. WE RESERVE THE RIGHT TO FURNISH THE COLOR TREES YOU SPECIFY IN ANY GRAFTED VARIETY OF SCOPULORUM.

2½ to 3 ft.	$ 40 00	$375 00
3 to 3½ ft.	45 00	425 00
3½ to 4 ft.	52 50	500 00
4 to 4½ ft.	60 00	575 00
4½ to 5 ft.	67 50	650 00

scopulorum columnaris. 18-20 ft.

A selected type with narrow, upright growth; gray-green foliage.

3 to 3½ ft.	57 50	------
3½ to 4 ft.	67 50	------

scopulorum funalis. 18-20 ft.

Bluish-green, whipcord foliage, retaining nearly the same color throughout the year. Pyramidal habit of growth; hardy.

2½ to 3 ft.	42 50	------
3 to 3½ ft.	50 00	------

scopulorum Gareei Compacta. 10-12 ft.

A beautiful compact green cone-shaped Juniper of special merit. One of our best green types.

2½ to 3 ft.	42 50	------
3 to 3½ ft.	50 00	------
3½ to 4 ft.	57 50	------

scopulorum Gareei depressa. 4-5 ft.

A low spreading form somewhat similar to Juniper Pfitberiana. Bluish-green foliage.

2 to 2½ ft., spread	40 00	------
2½ to 3 ft., "	47 50	------

scopulorum Kenyoni

A fine new variety. Bright blue needle-like foliage. A medium broad pyramidal habit of growth. Very compact. Needs little or no shearing.

2½ to 3 ft.	45 00	425 00
3 to 3½ ft.	55 00	500 00

scopulorum Marshall's. 18-20 ft.

Columnar growth; light frosty blue foliage; a valuable addition to our splendid assortment of fine ornamental Evergreens.

2½ to 3 ft.	45 00	425 00
3 to 3½ ft.	50 00	------
3½ to 4 ft.	57 50	------

scopulorum Pathfinder. 18-20 ft.

A very popular new slivery-blue Scorpulorum. Arbor Vitae like, flat foliage and pyramidal haibit of growth.

2½ to 3 ft.	45 00	425 00
3 to 3½ ft.	52 00	500 00
3½ to 4 ft.	57 50	------
4 to 4½ ft.	65 00	------

scopulorum sutherland. 12-15 ft.

One of the most desirable and very outstanding green foliaged, cone-shaped Junipers.

2½ to 3 ft.	45 00	425 00
3 to 3½ ft.	50 00	425 00

EVERGREENS—(Continued)

VARIETIES OF JUNIPER SCOPULORUM—Continued.

	Per 10	Per 100
scopulorum viridifolia (North Star Juniper) 18-20 ft. Light shiny green, whipcord foliage; pyramidal growth. This tree will hold its color exceptionally well throughout the winter.		
2½ to 3 ft.	$ 45 00	$425 00
3 to 3½ ft.	50 00	------
scopulorum Welchi. 18-20 ft. A most satisfactory new introduction; a perfect compact pyramidal tree even without shearing. Silvery-green foliage.		
2½ to 3 ft.	45 00	425 00
3 to 3 ½ ft.	50 00	------

VARIETIES OF JUNIPER VIRGINIANA

virginiana burki (Burk's Juniper) 10-15 ft. Dark steel-blue foliage; upright broad, symmetrical habit of growth.		
2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	60 00	------
virginiana canaerti (Canaert's Red Cedar) 15-18 ft. Soft, dark green foliage; the most popular of the many grafted varieties. Holds its color well throughout the year. Frequently proudces silvery-blue berries.		
2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	67 50	------
4½ to 5 ft.	77 50	------
virginiana glauca (Silver Red Cedar) 18-20 ft. Uniquely attractive; the broadly conical form and beautiful glaucous blue foliage make it one of the choicest Junipers.		
2½ to 3 ft., sheared	47 50	450 00
3 to 3½ ft., "	55 00	525 00
3½ to 4 ft., "	60 00	------
virginiana keteleeri. 15-18 ft. Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.		
2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00
virginiana kosteri. 4-5 ft. Low spreading variety with half eerct arching branches; bluish-green foliage. Very hardy.		
2 to 2½ ft., spread	37 50	350 00
2½ to 3 ft., "	42 50	400 00
virginiana pyramidalis (Pyramidal Red Cedar) 10-12 ft. Intense green foliage, narrow columnar habit with branches ascending upward. One of the most interesting and attractive better evergreens.		
2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	52 50	------

PICEA (SPRUCE)

excelsa (Norway Spruce) 60-70 ft. A lofty, noble tree of open, pyramidal habit, dark green foliage.		
2 to 3 ft.	19 50	175 00
3 to 4 ft.	30 00	275 00
4 to 5 ft.	40 00	375 00
5 to 6 ft.	52 50	500 00

EVERGREENS—(Continued)

PICEA—(Continued)

glauca conica

A perfectly shaped miniature spruce. Very compact growth. Thickly covered with short, close set twiggy branches. Grass green foliage. Extremely hardy. Ideal for window box planting.

	Per 10	Per 100
2½ to 3 ft.	$ 57 50	$550 00
3 to 3½ ft.	65 00	625 00
3½ to 4 ft.	72 50	700 00

glauca densata (Black Hill Spruce) 40-50 ft.

Usually symmetrical, compact and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.

18 to 24 in.	16 50	150 00
2 to 2½ ft.	22 50	200 00
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	350 00
4 to 5 ft.	47 50	450 00
5 to 6 ft.	57 50	550 00

pungens, (Colorado Green Spruce) 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

18 to 24 in.	22 50	200 00
2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	40 00	375 00
3½ to 4 ft.	47 50	450 00

pungens glauca, (Colorado Blue Spruce) 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00
3½ to 4 ft.	90 00	850 00

pungens glauca moerheimi (Moerheims Blue Spruce) 60-70 ft.

The impressive aristocrat of the evergreen family. Bright, intense blue; compact, uniform development and broadly pyramidal specimens.

2½ to 3 ft.	100 00	------
3 to 3½ ft.	125 00	------
3½ to 4 ft.	150 00	------
4 to 4½ ft.	175 00	------

PINUS PINE

montana mughus (Mugho Pine 3-4 ft.)

Dwarf, round-headed pine, compact deep green foliage. Free from insects and pests. Will grow in almost any location.

15 to 18 in., spread	25 00	225 00
18 to 24 in.. "	30 00	275 00
2 to 2½ ft.	35 00	325 00
2½ to 3 ft.	37 50	------

PSEUDOTSUGA (See Abies)

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thoroughly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE.

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 00	$ 45 00	$400 00
" " " No. 1½	4 00	35 00	300 00
" " " No. 2	2 60	22 00	200 00

Ami Quinard, dark velvety crimson, almost black; fragrant.

Caledonia, large double white; long buds opening to large, double flowers.

Christopher Stone, alive with vivid scarlet, petals glowing with a velvety sheen. Deliciously scented. Very popular.

Condesa de Sastago, petals are coppery-pink inside, golden reverse.

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

Duquesa de Penaranda, strong vigorous grower, very free-flowering; apricot-orange to dark pink. A most desirable variety.

Edith Nellie Perkins, delicate color blends of light cerise-pink and gold.

Editor McFarland, shapely buds and double, brilliant pink blooms; profuse.

E. G. Hill, great massive blooms of deep, velvety maroon; very fragrant.

Etoile de Hollande, one of the best dark red roses; a strong grower, free-flowering, very fragrant.

Golden Charm, dainty pointed yellow blooms.

Grenoble, one of the better reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

Gruss an Teplitz, deep scarlet-crimson flowers in clusters; a free and continuous bloomer; one of the hardiest varieties.

Joanna Hill, double blooms of golden buff, yellow center; fragrant.

K. A. Viktoria, very popular, free-flowering, double, pure white.

McGredy's Ivory, ivory-white, perfectly shaped double blooms; sweet-scented.

McGredy's Yellow, well formed flowers of bright buttercup yellow. Glossy.

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

Picture, a very beautiful new rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

Pink Dawn, deep rose-pink, lightly toned orange; well formed flowers.

Poinsettia, one of the most brilliant red roses ever produced, Poinsettia scarlet. A good grower and fine as a cut flower.

President Herbert Hoover, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

Radiance, large brilliant rose-pink; very fragrant. A most popular variety.

Red Radiance, bright rosy-red, free-blooming; delightfully fragrant.

Red Talisman, Talisman sport. Bud long-pointed; flowers large, double, fragrant. Deep cerise-red blending into yellow shade at base.

Rouge Mallerin, large, lasting velvety red, very double blooms.

Soeur Therese, double rich yellow blooms; vigorous, upright, profuse.

Talisman, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

The Doctor, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

Yellow Sastago, vigorous yellow sport of the popular bush variety.

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 00	$ 45 00	$400 00
" " " No. 1½	4 00	35 00	300 00
" " " No. 2	2 60	22 00	200 00

American Beauty, a very popular cerise-red variety.

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red rose.

Paul Neyron, dwarf bushed; gigantic rose-pink, fragrant flowers.

BABY OR DWARF POLYANTHA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 00	$ 45 00	$400 00
" " " No. 1½	4 00	35 00	300 00
" " " No. 2	2 60	22 00	200 00

Cameo, shell pink and salmon with a glow of gold; blooms continuously.

Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.

Golden Salmon Supreme, large clusters of striking reddish-orange flowers; low growth.

Ideal, dark scarlet in immense compact clusters; free-flowering.

Poulsen's Yellow, bud copper, yellow flowers semi-double, intensely fragrant.

All of our roses will be stored in our new cold storage, one of the most modern and best of its kind in the country. After several years of careful experimentation we have equipped this storage with the new germicidal lamps which our tests have shown will enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants. We have also been able to reduce sprouting in storage to a minimum by installing automatic controls to maintain proper temperature and humidity in our cold storage.

ROSES—Continued

FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 00	$ 45 00	$400 00
" " " No. 1½	4 00	35 00	300 00
" " " No. 2	2 60	22 00	200 00

Baby Chateau, deep red blooms, one of the best of its type.

Else Poulsen, lasting bright rose-pink flowers; semi-double.

Floradora, Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Gruss an Aachen, large light flesh-pink and salmon-yellow.

Lafayette Improved, large flowers of bright cherry-crimson.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Austrian Copper, single, intense coppery-red, reverse of petals golden yellow, hardy and vigorous.			
2 to 3 ft.	$ 6 50	$60 00	$------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	------
Belle Poitevine, very large, magenta-pink flowers.			
2 to 3 ft.	5 00	45 00	400 00
18 to 24 in.	4 00	35 00	300 00
12 to 18 in.	2 90	25 00	------
F. J. Grootendorst, small bright red flowers in clusters.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	------
Grootendorst Pink, charming pink variety of Grootendorst.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	------
Hansa, large, double reddish violet flowers; very hardy.			
2 to 3 ft.	5 00	45 00	------
18 to 24 in.	4 00	35 00	------
12 to 18 in.	2 90	25 00	------
Harrison's Yellow, semi-double bright yellow; early.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
Hugonis, early blooming shrub rose; pale yellow; hardy.			
3 to 4 ft.	6 50	60 00	------
2 to 3 ft.	5 50	50 00	------
18 to 24 in.	4 50	40 00	------
Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.			
2 to 3 ft.	5 00	45 00	------
18 to 24 in.	4 00	35 00	------
12 to 18 in.	2 90	25 00	------
Sir Thos. Lipton, snowy white flower freely produced.			
2 to 3 ft.	5 50	50 00	------
18 to 24 in.	4 50	40 00	------

ROSES—Continued

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.			
No. 1	$ 4 50	$ 40 00	$ ----
No. 1½	3 50	30 00	----
Climbing American Beauty, crimson flowers in clusters.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 50	22 00	200 00
Crimson Rambler, scarlet crimson flowers in large clusters.			
No. 1	4 50	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 00	18 00	160 00
Dorothy Perkins, miniature shell pink flowers in clusters.			
No. 1	3 20	28 00	----
No. 1½	2 50	22 00	----
No. 2	2 00	17 50	----
Dr. Van Fleet, large, flesh-pink flowers on long stems.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 90	25 00	200 00
Excelsa, intense scarlet, large clusters of small flowers.			
No. 1	3 20	28 00	250 00
No. 1½	2 50	22 00	200 00
No. 2	1 90	16 00	150 00
Gardenia, creamy-yellow flowers in small sprays; quite hardy.			
No. 1	3 50	30 00	----
No. 1½	2 50	22 00	----
No. 2	1 90	16 00	----
New Dawn, fragrant blush pink flowers in clusters. Ever-blooming.			
No. 1	6 50	60 00	----
No. 1½	5 00	45 00	----
No. 2	4 00	35 00	----
Paul's Scarlet Climber, large, intense scarlet flowers borne in clusters; free-flowering and hardy.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 50	22 00	200 00
Primrose, double, canary-yellow flowers; hardy.			
No. 1	5 00	45 00	----
No. 1½	4 00	35 00	----
No. 2	2 90	25 00	----
Prosperity, Large clusters of pure white blooms on a strong, free-growing plant. Blooms first year.			
No. 1	5 00	45 00	----
No. 1½	4 00	35 00	----

CLIMBING HYBRID TEA ROSES

Assorted as follows, No. 1	5 50	50 00	450 00
" " " No. 1½	4 50	40 00	350 00

Ami Quinard—Dark velvety crimson, almost black.

Caledonia—Pure white.

Golden Charm—Rich yellow.

J. L. Mock—Very double, brilliant pink.

Mrs. P. S. Dupont—Golden yellow.

Talisman—Golden yellow stained copper red.

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. 10 to 20 at 10 rate; and up at 100 rate—PRICES ARE NET.

HYBRID TEA

	Per 10	Per 100
Charlotte Armstrong, Patent No. 455. (Retails $1.50 each; $15.00 per doz.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.	$ 9 00	$ 75 00
Crimson Glory, Patent No. 105. (Retails $1.35 each; $13.50 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.	7 50	65 00
Diamond Jubilee, Patent No. 824. (Retails $2.00 each; $20.00 per doz.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.	11 00	100 00
Forty-Niner, Patent No. 792. (Retails $2.00 each; $20.00 per doz.) Brilliantly hued bi-color that justly secured an A.A.R.S. AWARD FOR 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.	11 00	100 00
Lowell Thomas, Patent No. 595. (Retails $1.50 each; $15.00 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.	9 00	75 00
Mandalay, Patent No. 775. (Retails $2.00 each; $20.00 per doz.) Long pointed, golden yellow bud; flower opens slowly and perfectly retaining its potent golden yellow; delicate fragrance. Large high centered blooms on long stems, largest yellow rose. Very free blooming. Disease resistant.	11 00	100 00
Mirandy, Patent No. 632. (Retails $1.50 each; $15.00 per doz.) First place winner of All-America rose competition for 1945. A strong free-branching plant producing large, long-pointed ovid buds of rich dark red with black shadings, opening to Chrysanthemum Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.	9 00	75 00
New Yorker, Patent No. 823. (Retails $2.00 each; $20.00 per doz.) Perfectly formed buds; brilliant unfading red blooms, often measuring 5½ in. across. Delightful almost raspberry fragrance. Plants are very vigorous, hardy, and disease resistant. One of America's very best red roses.	11 00	100 00
Peace, Patent No. 591. (Retails $2.00 each; $20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawn-like range of colors through which it passes, from opening yellow buds, with edges picoted cerise, to the glorious 5 inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foliage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.	11 00	100 00

PATENTED ROSES—(Continued)

HYBRID TEA—Continued

	Per 10	Per 100
Sunset Glory, Patent No. 738 (Retails $1.50 each; $15.00 per doz.) Buds are yellow suffused with pink opening to a golden yellow overlaid with dusty rose-pink. Flowers are very full and many petaled, 4 to 5 in. across. An improved McGredy's Sunset.	$ 9 00	$ 75 00
Taffeta, Patent No. 716. (Retails $1.50 each; $15.00 per doz.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.	9 00	75 00
Tallyho, Patent No. 828. (Retails $2.00 each; $20.00 per doz.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-Red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.	11 00	100 00

PATENTED CLIMBERS

	Per 10	Per 100
Blaze, Patent No. 10. (Retails $1.50 each; $15.00 per doz.) a hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower.	$ 9 00	$ 75 00
Cl. Crimson Glory, Patent No. 736. (Retails $2.00 each; $20.00 per doz.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.	11 00	100 00
Dr. J. H. Nicolas, Patent No. 457. (Retails $1.50 each; $15.00 per doz.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across and with about 50 petals. Grows 8 to 10 feet in height and is everblooming.	9 00	75 00
King Midas, Patent No. 586. (Retails $1.50 each; $15.00 per doz.) Golden yellow with large, double, high-centered flowers with good form. Buds are touched with red.	9 00	75 00

PATENTED FLORIBUNDA

	Per 10	Per 100
Chatter, Patent No. 789. (Retails $1.25 each; $12.50 per doz.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.	$ 7 00	$ 60 00
Goldilocks, Patent No. 672. (Retails $1.50 each; $15.00 per doz.) Rich golden yellow, buds are ovid in shape, long lasting, hardy, and vigorous.	9 00	75 00
Pinocchio, Patent No. 484. (Retails $1.25 each; $12.50 per doz.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.	7 00	60 00
Summer Snow, Patent No. 416. (Retails $1.25 each; $12.50 per doz.) Low broad plants, splendid for foreground plantings in rose beds. Large clusters of buff-cream buds opening to clear white blooms 3½ inches across.	7 00	60 00

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow		
Ptarmica, The Pearl. Large double white. 18 in. June-July.	$ 1 20	$ 10 00
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers. 2½ ft. Late.	1 20	10 00
Dobbies Imperial Hybrids. Fine wide assortment of colors, very sturdy, of great size. A recent English Triumph.	1 20	10 00
Pink and Rose Shades, long spurred flowers. 2 ft.	1 20	10 00
Ruby and Crimson Shades, long-spurred flowers. 2 ft.	1 20	10 00
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)		
CAMPANULA, Bellflower		
Beauty of Telham. A greatly improved Bellflower with large blue flowers.	1 40	12 00
medium (Single canterburybells), large bell-shaped flowers. **Blue, Rose and White,** separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we will supply well-furnished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

	Per 10	Per 100
Algonquin, a very hardy variety, with healthy foliage. Pure. bright yellow flowers; large and double. Early	$ 1 80	$ 15 00
Autumn Lights, coppery bronze, a gleaming orange overcast.	1 80	15 00
Avalanche. Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower, low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Dean Kay Pink. Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft.	1 80	15 00
Dean Ladd. Another of the Dean Kay series, prominent for its very early flowering date. Flowers are double, reddish-bronze, a unique autumn color.	1 80	15 00
Emmett, a very free-flowering single rosy-bronze; another splendid early variety. September 10th. 24 in.	1 40	12 00
Lorelei, a very good double, early yellow; large blooms produced on tall, strong plants. September 10th. 2 ft.	1 40	12 00
Manantico. a new, very promising Summer-flowering Mum. A U. S. Dept. of Agri. introduction. Single dark rose-red. 15 in.	1 80	15 00
Welcome. Very early bloomer with bright mallow purple flowers on long stems.	1 80	15 00

PERENNIALS—(Continued)

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
Allegro. Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	$ 1 80	$ 15 00
Apricot Glow. Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches.	2 10	18 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 10	18 00
Charm Spoon Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches.	2 10	18 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting.	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

	Per 10	Per 100
Butterball. Double ball like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	$ 2 10	$ 18 00
Glacier. Pure glistening white, full double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Probably the gaudiest of all Pom-Poms. Late August. 20 in.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Full double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

	Per 10	Per 100
Autumnsong. Large double blooms of wine rose shading to carmine. An entirely new color in mums. One of the most outstanding Chicago introductions. Early September. 20 inches.	$ 2 10	$ 18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September.	2 10	18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches.	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches.	2 10	18 00

PERENNIALS—(Continued)

UNIVERSITY OF CHICAGO INTRODUCTIONS—Continued.	Per 10	Per 100
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	$ 2 10	$ 18 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00

NEW HARDY ENGLISH CHRYSANTHEMUMS

	Per 10	Per 100
Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	$ 3 50	$ 30 00
Bronze Buttercup. Double blooms are rich deep bronze with golden buff reverse. Buds are produced profusely. Should be disbudded for best results. Late September. 30 inches.	2 40	20 00
Golden Dome. Bright golden-yellow overlaid with bronze. Double. Late September. 30 inches.	2 40	20 00
Indiana. Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good disbudded or in sprays. Late September. 24 inches.	2 40	20 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Orange Glow. Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid September. 26 inches.	2 90	25 00
Rose Princess. A very striking flower of salmon-rose, base flushed with gold. Double blooms on strong stiff stems. Late September. 24 inches.	2 40	20 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid September. 26 inches.	2 40	20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	$ 1 80	$ 15 00
Pink Cushion, masses of light pink flowers in broad mounds.	1 80	15 00
Red Cushion, a splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Yellow Cushion, pure golden yellow; early flowering and long lasting.	1 80	15 00

PERENNIALS—(Continued)

CUSHION CHRYSANTHEMUMS—Continued.

HARDY CARNATION—See Dianthus Grenadin Caryophyllus

	Per 10	Per 100
COREOPSIS, Tickseed		
Mayfield Giant, large yellow flowers on firm, strong stems.	$ 1 20	$ 10 00
DAISY SHASTA, Chrysanthemum Maximum		
Alaska Supreme, shapely plants, large flowers. June-July.	1 20	10 00
DELPHINIUM, Larkspur		
Pacific Hybrids Mixed. This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	1 80	15 00
Clivenden Beauty large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00
***DIANTHUS**		
barbatus, Old-Fashioned Sweet Williams. May-June.		
atrococcineus flore pleno, deep intense scarlet; double-flowering. Blooms all summer. 12 in.	1 20	10 00
Sutton's Strain of Giant White, Pink Beauty, Rich Crimson, and Salmon. Separate colors. 15 in.	1 20	10 00
plumarius semperflorens Fl. Pl., single and double pinks. 15 in.	1 40	12 00
Species:		
latifolius Silver Mine, white flowers. Prolific bloomer. 8 to 10 in.	1 40	12 00

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

	Per 10	Per 100
This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.		
Golden Sun. Early flowering, very double, large clear yellow flowers.	$ 1 80	$ 15 00
Rose Queen Triumph. Deep Delicate Pink.	1 80	15 00
Scarlet—Rich Scarlet. Extra Large Flowering.	1 80	15 00
White.	1 80	15 00

	Per 10	Per 100
DIELYTRA, (DICENTRA) Bleeding Heart		
***eximia, Fern-leaved Bleeding Heart.** A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.	$ 2 10	$ 18 00
***FUNKIA, plaintain Lily**		
lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	1 80	15 00
***variegata,** green and white foliage, blue flowers. July. 12 in.	2 10	18 00
GAILLARDIA, Blanket Flower. June until frost.		
Burgundy, rich wine-red; excellent for cutting. 1½-2 ft.	1 40	12 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00
Sunset, large flowers are pure yellow with red center.	1 40	12 00

PERENNIALS—(Continued)

	Per 10	Per 100
GYPSOPHILA, Baby's Breath		
Bristol Fairy, large panicles of the purest white double flowers. Blooms all summer. 2 ft.	$ 4 00	$ 35 00
paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00
Snow White Double. Pure white double strain.	1 40	12 00
HEMEROCALLIS, Day Lily		
Bay State. Fine large blooms with fluted petals of clear yellow. Perfectly formed flowers. A heavy and persistant bloomer. July and August. 36 inches.	1 80	15 00
Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.	3 50	30 00
flava, clear lemon yellow, sweet scented, profuse. June. 2½ ft.	1 40	12 00
Florham, large trumpet-shaped golden yellow flowers. June.	1 80	15 00
Hyperion. Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest Hemerocallis ever introduced. June-July. 3½ feet.	4 00	35 00
Kwanso Fl. Pl., a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry, brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Mrs. H. Wyman perfect, well rounded flowers of pure gold. July-August. 4 ft.	1 80	15 00
Thunbergi much like flava but flowers one month later. July. 2½ ft.	1 20	10 00
***HIBISCUS, Rose Mallow**		
Giant Flowering Mixed. August-September. 4-5 ft.	1 40	12 00
HOLLYHOCKS, Althea Rosea		
Double Separate Colors, Blood Red, Lilac Beauty, Newport Pink, White, and Yellow. July. 4 ft.	1 40	12 00
LATHYRUS, Everlasting Sweet Pea		
latifolius, a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00
***LINUM, Flax**		
perenne, bright blue flowers, upright growth.	1 20	10 00
LOBELIA, Indian Paintbrush		
Cardinalis, Cardinal Flower, rich, fiery cardinal flowers often producing 4 to 6 spikes. August-September. 30 in.	1 40	12 00
LUPINUS, Lupines		
Russell Hybrids, striking pea-shaped flowers of unusual color combinations produced on strong 3 to 4 foot spikes. Spring delivery only.	1 80	15 00
MYOSOTIS, Forget-me-not		
***Palustris Semperflorens,** rich blue flower, yellow eye. Blooms all summer. 8 in.	1 20	10 00

PERENNIALS—(Continued)

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
American Beauty. A beautiful deep rose-pink. All that the name implies.	$ 1 80	$ 15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red. Deep rose-red.	1 80	15 00
B. Comte, rich, satiny wine-red; one of the most brilliant.	1 40	12 00
Border Gem, a most unusual shade of rich deep purple. Does not fade.	1 80	15 00
Brilliant, large trusses of brilliant crimson flowers, darker eye.	1 40	12 00
Chieftain, clear deep ruby red without shadings; an unusual new "red" that is really outstanding.	2 10	18 00
Dr. Chas. H. Mayo, white with crimson eye.	1 40	12 00
Eva Forester, large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Fiancee, beautiful waxy white flowers. Blooms very late in the season.	1 40	12 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Gustav Lind. Brilliant scarlet with orange cast.	2 00	18 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye.	1 80	15 00
Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.	1 50	12 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Mary Louise, the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.	1 40	12 00
Miss Lingard, immense white flower heads; disease resistant, The earliest white; very prolific.	2 10	18 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 10	18 00
Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.	1 40	12 00
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	1 80	15 00
Mrs. Jenkins. Pure white, late flowering. Free from any disease.	1 40	12 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	2 10	18 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00

PERENNIALS—(Continued)

PHLOX—Paniculata—Continued.	Per 10	Per 100
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	$ 1 80	$ 15 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.	1 40	12 00
R. P. Struthers, bright cherry-red with salmon shading; claret eye.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height.	2 10	18 00
Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	1 80	15 00
Salmon Glow. Beautiful, large flame pink flowers with salmon flush.	1 80	15 00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.	1 40	12 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40 1 40	12 00 12 00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00
PHLOX, subulata, Moss or Mountain Pinks		
alba, pure white flowers cover the plant in May.	1 40	12 00
atropurpurea, the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2 10	18 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 10	18 00
lilacina, a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00
rosea, rose-pink; thrives in hot, dry situations; a fine bank cover.	1 40	12 00
Samson, rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00
Vivid, vivid rose-pink, darker eye. Very choice; free flowering.	1 40	12 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue.	1 40	12 00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
atrosanguinea, deep rose-red, single flowers.	1 40	12 00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1 20	10 00

PERENNIALS—(Continued)

	Per 10	Per 100
***SEDUM, Stonecrop**		
Acre, (Golden Moss) green foliage, yellow flowers. July. 4 in.	$ 1 40	$ 12 00
Kamtschaticum. Orange-yellow flowers, with prostrate, green foliage turning golden in autumn.	1 40	12 00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1 40	12 00
Spectabilis Brilliant, light green foliage, broad heads of rich rose-red flowers. August-September. 15 in.	1 40	12 00
VERONICA, Speedwell		
Amethysthina, (Royal Blue). Beautiful spikes of rich gention blue flowers in June and July. 10 to 15 inches. Excellent for rock garden or border.	1 80	15 00
Incana Heavenly Blue. A more vigorous Incana. The silver is lost in the foliage leaving then a clean apple green, flowers to 14 inches appear freely.	1 80	15 00
VIOLA, ODORATA, Sweet Violet.		
Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a Pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.	1 80	15 00
LILIUM, Domestic Grown		
regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft. 4 to 6 in.	90	7 00
tenuifolium (Carol L) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	1 00	8 00
3 to 4 in.	1 20	10 00
4 to 5 in.	1 40	12 00
tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Single 4 to 6 in.	1 40	12 00
Single 6 to 8 in.	1 80	15 00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white, bell-shaped flowers for shaded locations.		
Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

PEONIES

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3-to-5 eye divisions, true to name, from healthy three-year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

	Per 10	Per 100
Adolph Rosseau, 8.5. Early blooming, shining crimson with a dark-shading, almost maroon in color.	$ 5 00	$ 45 00
Albert Crousse, 8.6. Very fresh salmon-pink. Delicate color. Large, compact, bomb shape; fragrant, erect. Late.	4 00	35 00
Anna Sass, 9.0. Very beautiful light pink toned orchid. Blooms profusely on tall, strong stems. Late midseason.	6 00	50 00
Avalanche (Crousse 1886) 8.7 Milk white, carmine markings. Late midseason.	4 00	35 00
Baroness Schroeder (Kelway 1889) 9.0. Immense globular flowers of delicate blush changing to pure white. Midseason.	4 00	-----
Couronne d'Or (Calot 1873) 8.1 White with golden stamens. Midseason.	4 00	35 00
David Harum (Brand) 8.4. Soft Tyrain rose without stamens. Midseason.	5 00	45 00
Duchess de Nemours (Calot 1856) 8.1 Pure white, always a good bloomer. Early.	4 00	35 00
Edulis Superba (Lemoine 1903) 7.6 Deep pink. Very early.	3 50	30 00
E. G. Hill (Lemoine 1903) 7.8. Semi-rose type. Rich rose-red with silvery border. Early midseason.	5 00	45 00
Ella Christiansen (Brand 1925) 9.0. Exceedingly large flowers of a distinct delicate pink; blooms profusely. Midseason.	12 50	-----
Fanny Crosby (Brand) 7.7. Yellow with pink guard petals. Plant very strong, thrifty and floriferous.	5 00	45 00
Felix Crousse (Crousse 1881) 8.4. Bright ruby red. Midseason.	4 20	38 00
Festiva Maxima (Miellez 1851) 9.3. White, center crimson-flecked. Early.	4 50	40 00
Frances Willard (Brand 1907) 9.1. Exquisite blush-white with occasional carmine touch. Midseason.	4 50	-----
Francois Ortegat (Parmentier's 1850) 8.7. Purplish crimson. Midseeson.	2 90	25 00
Georgiana Shaylor (Shaylor 1908) 9.1. Exquisite pale rose-pink with a lighter center. Flowers very large with extremely broad petals. Midseason.	4 50	40 00
Grover Cleveland (Terry 1904) 8.2. Rose type. Very large, full dark crimson blooms. Strong grower. Late midseason.	4 00	35 00
Hazel Kinney (Brand 1925) 9.0. Rose type. Clear delicate pink flowers of superb form; blooms profusely. Late midseason.	7 50	65 00
Jubilee (Pleas 1918) 8.9. Rose type. Immense lacy flowers of snowy white, pink glow. Midseason.	4 00	-----
Judge Berry (Brand 1907) 8.6. Attractive large flat flowers of delicate pink. Very early.	4 00	35 00
June Day (Franklin) 9.0. Delicate translucent pink. Ranks as one of the best pink peonies. Midseason.	7 50	-----
Karl Rosenfield (Rosenfield 1890) 8.8. Brilliant dark crimson. Midseason.	4 00	35 00

PEONIES—Continued.

	Per 10	Per 100
Kelway's Queen (Kelway 1909) 8.8. Rose type. A delicate and lovely flesh pink shade of great substance. Very fragrant. Late.	$ 9 00	$ 80 00
King Albert (Kelway 1915) Single enormous flowers. Rosy-pink. Midseason.	4 00	-----
Lady Alexandra Duff (Kelway 1902) Soft delicate pink. Main blooms double, side blooms usually single, resembling water lilies. Midseason.	4 50	40 00
Lady Kate (Vories) 8.8. One of the very best late blooming deep pink peonies. Graceful rose-type flowers on tall strong stems.	8 50	75 00
LaFee (Lemoine 1906) 9.2. Crown type. Very large, globular flowers of creamy white, guards mauve-rose. Early	4 50	40 00
LaPerle (Crousse 1885) Soft pink shading to pure white. Midseason.	3 50	-----
LaRosiere (Crousse 1888) 8.3. Creamy white with prominent stamens. Midseason.	4 50	40 00
Laura Dessert (Dessert 1913) 8.8. Guard petals creamy white; center lively canary-yellow. Early.	4 50	40 00
Lillian Gumm. 8.8. Late midseason. Uniform, apple-blossom pink, mammoth blooms.	4 50	40 00
Livingstone (Crousse 1879) 8.1. Very full bloom, pale lilac, rose. Late midseason.	3 50	30 00
Longfellow (Brand 1907) 9.0. Brilliant cherry red; very large. Early midseason.	4 50	40 00
Marie Jacquin (Verdier) 8.3. Blossy rosy white with rose tinged buds; golden yellow stamens. Midseason.	5 00	45 00
Martha Bulloch (Brand 1907) 9.1. Rose type. Mammoth cup-shaped blooms. Deep rose pink with center shading to silvery shell-pink in the outer petals. Late.	8 50	75 00
Mary Brand (Brand 1907) 8.7. Deep red of great brilliancy, often considered the best red Peony. Midseason.	5 00	45 00
Mikado (Barr 1893) 8.6. The guards are velvety crimson enclosing a cushion of crimson petaloids edged gold.	5 00	45 00
Milton Hill, 9.0. Late. Large shell-pink flowers with salmon shadings. One of the best pinks.	4 50	-----
Mme. de Verneville (Crousse 1885) 7.9. Pure White, center crimson flecked. Early.	4 00	35 00
Mme. Jules Dessert (Dessert 1900) 9.4. Exquisite flowers of large size. Creamy white but lighted by buff and salmon shades. Midseason.	6 00	50 00
Mons. Jules Elie (Crousse 1888) 9.2. Glossy lilac--pink shading to deeper rose at base. Early mid-season.	5 00	45 00
Mon. Martin Cahuzac (Dessert 1899) 8.8. Dark garnet-purple with black reflexes. One of the darkest peonies. Midseason.	7 00	65 00
Mrs. Dean Funk (Brand) Large Walter Faxon pink flowers peculiarly beautiful in formation. A magnificent new variety. Late.	10 00	-----
Mrs. Frank Beach (Brand 1925) 9.0. Ivory white. A very large flat, perfect rose-type flower. Sweetly fragrant. Late midseason.	5 00	45 00
Mrs. J. M. Kleitsch (Brand 1925) 9.0. A violet-rose with distinct lavender cast; a wonderful flower of great substance. Very late.	7 50	-----

PEONIES—Continued.

	Per 10	Per 100
Myrtle Gentry (Brand 1925) 9.1 Immense flowers of perfect rose form with great broad, rounded petals. Pink with tints of flesh and salmon. Sweetly fragrant.	$ 5 00	$ 45 00
Philomele (Calot 1861) 7.7. Guard petals bright violet rose, anemone center on narrow creamy yellow petals. Midseason.	4 00	35 00
Phoebe Carey (Brand 1907). 8.8. Rose-pink with center slightly deeper in shade. Fragrant. Tall and late.	9 00	75 00
President Wilson (Thurlow) 9.3. A perfect flower of bright rose-pink changing to shell-pink. Fragrant. Late.	4 50	-----
Rachel, 7.9. Rose type, large double flowers, brightest garnet, shaded richest ruby-red. Mid-season.	4 00	35 00
Reine Hortense (Calot 1857) 8.7. Hydrangea-pink, minutely splashed with crimson. Midseason.	4 00	35 00
Richard Carvel (Brand 1918) 8.8. Flowers bright, all one shade of crimson. Guard petals large, broad and prominent. Center petals make immense dome. Early.	7 00	60 00
Sarah Bernhardt (Lemoine 1806) 9.0. Flowers of remarkable size in clusters full and double; apple-blossom pink with each petal silver-tipped. Late.	4 50	40 00
Souv. de Louis Bigot (Dessert) 9.1. Vivid rich pink with a salmon undertone. Attractive and free flowering. Midseason.	4 50	40 00
The Moor (Barr) 8.0. Single; exceedingly dark, rich garnet. Strong grower and free bloomer. Early.	5 00	-----
Tourangelle (Dessert 1910) 9.4. Rose type. A vigorous grower, pearly white overlaid with delicate salmon and rose. Late midseason.	4 50	40 00
Walter Faxon (Richardson 1904) 9.3. Uniform bright pink, deepening toward center; delicate and distinct color; very fine. Midseason.	5 50	50 00

PEONIES—BY COLOR

	Per 10	Per 100	Per 1000
Pink, unnamed	$ 3 00	$ 25 00	$-----
Red, unnamed	3 00	25 00	------
White, unnamed	3 50	30 00	------

CHRISTMAS TREES

We are overstocked on Black Hill and Norway Spruce and have decided to cut a quantity of them to be used as Christmas trees.

Black Hill Spruce

These trees are heavily foliaged and well filled. For the person who wants a bushy, symmetrical tree we heartily recommend Black Hill Spruce

	Per 10	Per 100
2 to 3 ft.	$ 11 00	$100 00
3 to 4 ft.	16 50	150 00
4 to 5 ft.	22 50	200 00
5 to 6 ft.	27 50	250 00

Norway Spruce

These trees are somewhat more open than the Black Hill Spruce but will be much better foliaged than the average Christmas tree.

	Per 10	Per 100
2 to 3 ft.	$ 8 00	$ 75 00
3 to 4 ft.	14 00	125 00
4 to 5 ft.	19 50	175 00
5 to 6 ft.	22 50	200 00

We suggest that you place your order now and avoid disappointment.

NURSERYMEN'S SUPPLIES

BOXING CHARGES

30x30x10	$6.00	24x24x6	$3.75
30x30x8	5.25	20x20x10	4.25
30x30x6	4.50	20x20x8	3.75
30x30x5	3.75	20x20x5	3.00
30x30x4	3.25	18x18x10	4.25
24x24x10	5.25	16x16x10	3.50
24x24x8	4.75	12x12x10	3.00

CORRUGATED BOXES

60x16x16	$1.15	24x15x15	$ .60
48x20x20	1.00	24x12x12	.45
48x16x16	.85	24x8x8	.35
36x15x15	.60	22x15x22	.65
36x10x12	.75	22x12x12	.50
28x8x8	.35	15x12x10	.35

Bales will be charged at actual cost of the material and labor.

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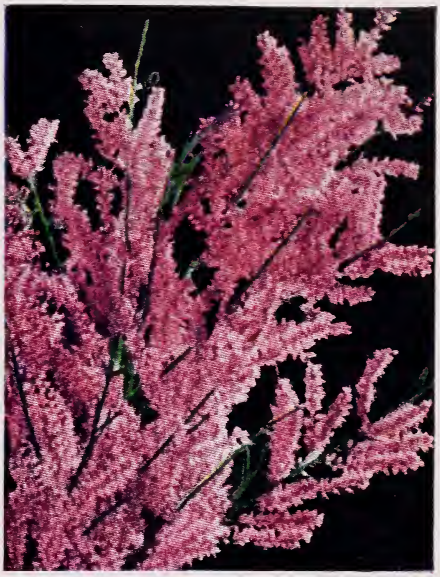
In the Ornamental Shrub section of this list we are offering a very complete selection of the popular varieties of shrubs. They are all well rooted, well furnished and liberally graded. Your customers will be well pleased with stock purchased from us.



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We are offering exceptionally fine variety selections of Hybrid Tea, Hybrid Perpetual, Floribunda, Climbing and Rugosa Roses. For complete information please turn to the Rose section of this list. Remember, to avoid disappointment—

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